Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 10 Nov 2023 until 23:59 on Saturday 11 Nov 2023

Forecast Issued on Friday 10 Nov 2023 at 04:09

Confidence: High confidence for a cooler few days over the weekend with mist and fog causing some morning visibility hazards and frost expected, uncertainty in timing of mist and fog clearance in the morning. Further unsettled, wet and windy conditions expected early next week.

Headline for Friday 10 Nov 2023: Cold start to the day with mist and fog around dawn, sunny intervals developing in Moderate Northwesterly winds.

Mountain weather hazards on Friday 10 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny	Mist	Fog
Precipitation probability					
10%	10%	10%	10%	10%	10%

Forecast for Friday 10 Nov 2023

Weather: Any showers in the south first thing will continue to move away, leaving behind a cool start to the day with isolated frost in the north and some mist and fog. Once this has cleared a settled day with sunny spells is expected. During the evening mist and fog is likely to form, turning cold yet again.

Chance of cloud-free hill tops above 600m: 60% rising to 90% during the afternoon.

Low cloud and visibility: Early low cloud will affect visibility and inversions are possible at low level especially around more northern hills, with clear conditions possible on the summits. By mid-morning patchy cloud on the tops of the hills is expected although excellent views likely away from cloud. If fog forms visibility will become poor again at low level during the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 10 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/8 W	9/12 N	11/14 NW	14/18 W	14/19 W	13/17 W	14/18 W
300	4/6 SW	7/9 NW	9/11 NW	11/17 NW	10/15 W	10/15 W	10/15 W
Valley	1/4 NW	5/10 NW	6/11 NW	9/18 NW	4/13 W	4/13 W	5/12 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-0	2/-2	4/-0	3/-1	3/-2	2/-2	3/-2
300	5/3	5/2	6/3	6/3	5/2	5/2	4/1
Valley	5/4	5/4	7/5	7/4	5/3	5/3	5/3
Freezing Level*	1000m	900m	1000m	900m	1000m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling chilly in moderate northerly winds especially in early mist and fog, feeling warmer in the Autumn sunshine later.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 10 Nov 2023	6.6mm	13.8mm	34.6mm

Forecast for Saturday 11 Nov 2023

Weather: Mist and fog, or even freezing fog, are likely to occur on Saturday morning with some frost expected in sheltered areas. It will become mainly dry and bright with a lot of sunshine. Still feeling chilly in the northerly winds.

Maximum wind: Northerly 10-15mph, becoming easterly 5-10mph later.

Chance of cloud-free hill tops above 600m: 50% rising to 90%, early low level cloud.

Low cloud and visibility: Early inversions are possible with low level cloud and good visibility at height. Cloud will lift and clear to give excellent visibility and good clarity of air for much of the day.

Temperature: **Valleys:** Zero Celsius rising to 7 Celsius.
At 600m: Zero rising to Plus 5 Celsius.
Freezing level: Around 1000m

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